Amendment to the Specification: Page 23 should read as follows:

As explained above, the power or commutation takes place according to a sensor 1110 that determines the rotor position and its output signal is used to determine the rotor speed, where its output signal will be modified as a function of the rotor speed in another part of the drive circuit for the purpose of motor commutation.

To implement a large number of the above stated functions, it is possible per this invention to use the single controller 1104 as control and regulation unit; as we see, it can make do with a minimum of external circuit features but will have to be provided with suitable, internally stored software.

Finally, Figure 11A show a 5 V power supply for the existing logic circuits.

This power supply is fed by the motor power supply via a prevoltage regulator that consists essentially of Zener diode 1149 and regulating transistor 1155. At its node with the collector a dc voltage of about 12 V is available to power a downstream voltage regulator 1107, model 7805. A stabilized dc voltage of 5 V is available at its output.

~~Claims~~

~~1. Drive circuit for brushless dc motors with a rotor and with a stator with stator coil, with a commutator device that feeds or interrupts power, specified moments of commutation, in a positive or negative direction, to the stator coil as a function of the rotor angle of rotation with a device to measure the motor speed, characterized in that a device (93) is provided for shifting the moments of commutation according to phase angle,~~